

# Work Order ID 78474

**\*78474\***

Page 1

January-10-12 9:51:43 AM

Item ID: D205-665-015 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Cable Guard  
 Start Date: 10/01/2012 Start Qty: 20.00 **\*20\*** Cust Item ID:  
 Required Date: 24/01/2012 Req'd Qty: 20.00 **\*20\*** Customer:  
 Reference:

Approvals: Process Plan: M.C.J Date: 12/01/10 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D205-665	F								

100  
**\*100\***  
 DC  
 Document Control

DOCUMENT CONTROL *ls*  
 Memo  
 Photocopy bluefile & type labels per PPPD205-665-015  
 CHG 003

0.00

0.00

*8.26/127*

*ck for mls 12/1/20*

110  
**\*110\***  
 Packaging  
 Packaging

Pick Kit  
 Memo

0.00

0.00

*12/1/20 of (20)*

120  
**\*120\***  
 QC  
 Quality Control

QC4- 100% Inspect kits for completeness  
 Memo

0.00

0.00

*8.26/1127*

*counted*  
*(+70)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Page 2

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 Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
<b>*130*</b>									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D205-665-015								
	Location: <u>31</u>								
	PPP Rev: <u>D</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

12/1/27 (20) D

CK 12/1/27

12/20/27 (20)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

January-10-12 9:51:47 AM

Page 1

Work Order ID: 78474

**\*78474\***

Parent Item: D205-665-015

**\*D205-665-015\***

Parent Item Name: Cable Guard

Start Date: 10/01/2012

Required Date: 24/01/2012

Start Qty: 20.00

Required Qty: 20.00

Comments: IPP Rev:D Removed Manufacturing 06-06-19 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D2916-1		Manufactured	No			110	Each	1.0000	1	20			
---------	--	--------------	----	--	--	-----	------	--------	---	----	--	--	--

**\*D2916-1\***

Cable Guard, 212 Skidtube

\*\*

B78476 12/1/27

Location

Loc Qty

Loc Code

ST207

1

70163

1

D2916-3

Manufactured

No

110

Each

2.0000

1

20

**\*D2916-3\***

Cable Guard, 212 Skidtube

\*\*

B78477

Location

Loc Qty

Loc Code

ST207

2

70164

2

D2916-5

Manufactured

No

110

Each

0.0000

1

20

**\*D2916-5\***

Cable Guard, 212 Skidtube

\*\*

B78478

D2916-7

Manufactured

No

110

Each

8.0000

1

20

**\*D2916-7\***

Cable Guard, 212 Skidtube

\*\*

B78479 12/1/20 (20)

Location

Loc Qty

Loc Code

ST207

8

39594

4

70166

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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**NOTE:** Date & initial all entries

# Picklist Print

January-10-12 9:51:47 AM

Work Order ID: 78474

Parent Item: D205-665-015

Parent Item Name: Cable Guard

\*78474\*

\*D205-665-015\*

Start Date: 11

Start Qty: 20.00

Required Qty: 20.00

2012

Page 2

D2915

Manufactured No

110 Each

12.0000

4

\*\*

80

68x B 78475 SP

\*D2915\*

Bushing

Location

Loc Qty

Loc Code

ST021

12

70887

12

Manufactured No

110 Each

166.0000

2

\*\*

D2529

\*D2529\*

Washer

Location

Loc Qty

Loc Code

ST010

166

76086

166

Manufactured No

110 Each

187.0000

8

\*\*

D2570

\*D2570\*

Bushing

Location

Loc Qty

Loc Code

ST011

187

66933

1

67759

6

72122

1

72960

41

77421

41

77422

97

Purchased No

110 Each

39.0000

4

\*\*

80

337

m120229 12/1/20 200 SP

AN4-47A

\*AN4-47A\*

Bolt

Location

Loc Qty

Loc Code

ST360

39

105978

39

47

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**NOTE:** Date & initial all entries



# Picklist Print

January-10-12 9:51:47 AM

Page 3

Work Order ID: 78474

Parent Item: D205-665-015

Parent Item Name: Cable Guard

\*78474\*

\*D205-665-015\*

Start Date: 10/01/2012

Required Date: 24/01/2012

Start Qty: 20.00

Required Qty: 20.00

AN4-55A

Purchased

No

110

Each

1.0000

4

80

71x

\*AN4-55A\*

bolt

\*\*

M114056

M120276

Location

Loc Qty

Loc Code

ST361

1

118012

1

110

Each

7,915.000

8

160

MS21042L4

Purchased

No

\*MS21042L4\*

Nut

\*\*

Location

Loc Qty

Loc Code

ST300

7915

117441

51

117601

342

118451

133

119017

2389

119075

5000

NAS1149D0463J

Purchased

No

110

Each

6,718.000

2

40

\*NAS1149D0463J\*

Washer

\*\*

12/1/2012

20

Location

Loc Qty

Loc Code

ST298

6718

116289

16

116805

0

117291

1

117460

2

118179

42

118384

170

118612

3

119042

11

119075

6304

119097

169

January-10-12 9:51:48 AM

Shop Packet Print

Page 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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**NOTE:** Date & initial all entries

REFERENCE ONLY

# PARTS LIST

QTY -011	QTY -013	QTY -015	QTY -017	QTY -019	PART NUMBER	DESCRIPTION
X					D205-665-011	CABLE GUARD INSTALLATION
	X				D205-665-013	CABLE GUARD INSTALLATION
		X			D205-665-015	CABLE GUARD INSTALLATION
			X		D205-665-017	CABLE GUARD INSTALLATION
				X	D205-665-019	CABLE GUARD INSTALLATION
1					D2886-1	GUARD
	1				D2886-3	GUARD
			1		D3990-1	GUARD
		1			D2916-1	GUARD
		1			D2916-3	GUARD
		1			D2916-5	GUARD
		1			D2916-7	GUARD
		4			D2915	BUSHING
1		2	1		D2529	WASHER
6	6	8	2	10	D2570	BUSHING
				1	D4445-1	GUARD
				1	D4506-1	WASHER
4	3	4	2	4	AN4-47A	BOLT
				1	AN4-50A	
		4			AN4-55A	BOLT
4	3	8	2	5	MS21042L4 (OR -4)	NUT
1		2	1		NAS1149D0463J	WASHER (OR AN960JD416)

## WEIGHT AND BALANCE





Installation	Weight	Longitudinal	
		Arm	Moment
D205-665-011	2.22 lb 1.01 kg	145.2 in 3.69 m	322 in-lb 3.73 m-kg
D205-665-013	2.20 lb 1.00 kg	101.7 in 2.58 m	224 in-lb 2.58 m-kg
D205-665-015	6.96 lb 3.16 kg	117.2 in 2.97 m	816 in-lb 9.40 m-kg
D205-665-017	0.70 lb 0.32 kg	68.5 in 1.74 m	48 in-lb 0.56 m-kg
D205-665-019	4.81 lb 2.18 kg	118.7 in 3.01 m	571 in-lb 6.56 m-kg

CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED

BY:   
D. SHEPHERD (DE # 02)

DATE: 11.10.21  
CERT. NO.: SH96-88  
ISSUE NO.: 3

DESIGN		<b>DART AEROSPACE LTD</b>	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. F
MFG. APPR.	N/A	D205-665	SHEET 3 OF 10
APPROVED		TITLE	SCALE
DE APPR.		CABLE GUARD INSTALLATION	NTS
DATE	11.10.21	COPYRIGHT © 1999 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	